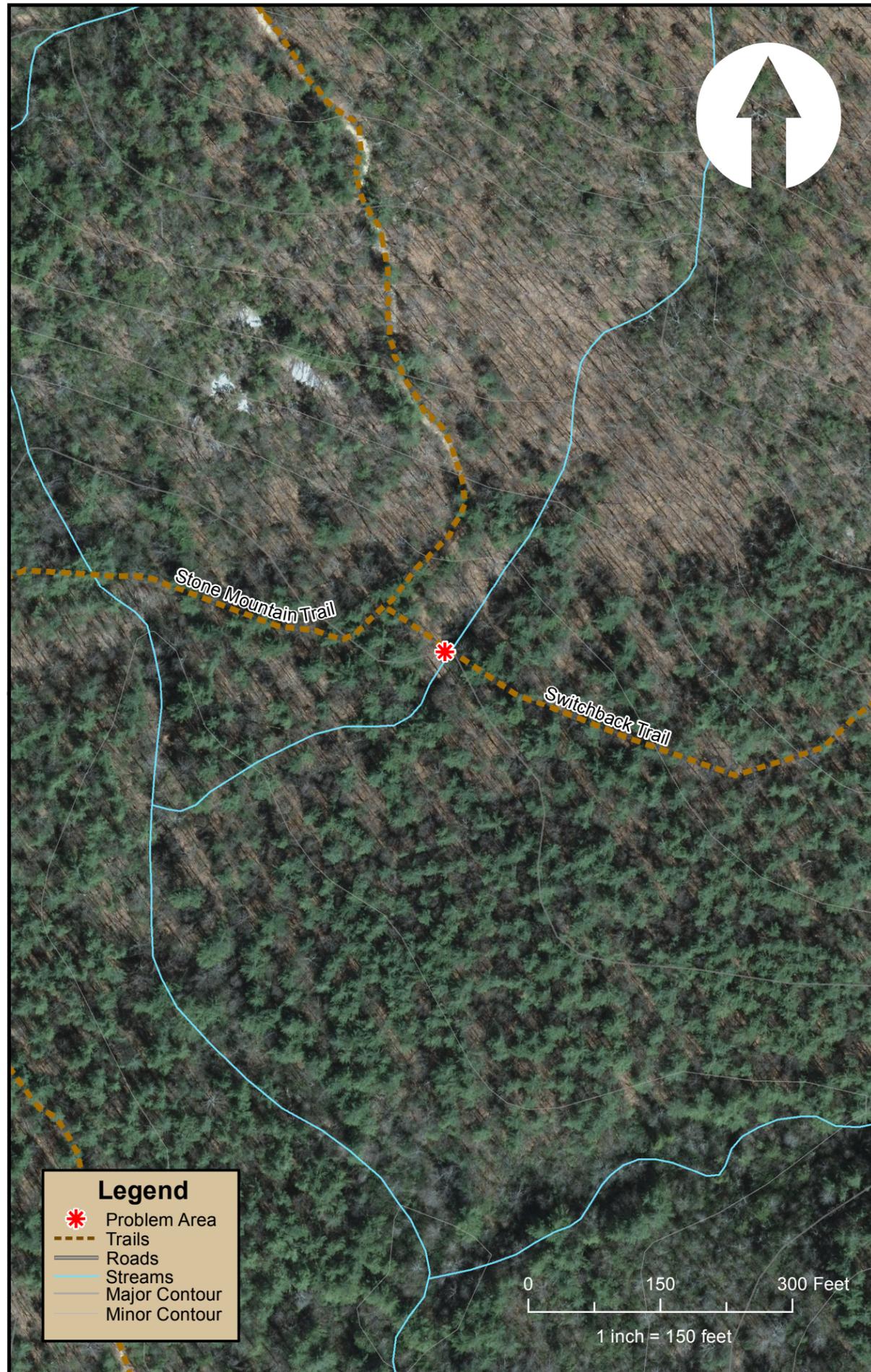


Area of Concern – Site: P43

Map Grid Location: I 3 Site visit date/ team): 8/20/15/ JZ Drainage Area (Sq. Mi.): < 0.1
 Name & Location: Tributary at Switchback Trail



Legend

- * Problem Area
- Trails
- Roads
- Streams
- Major Contour
- Minor Contour

1. **Culvert (diameter/material/length):** 8"/ CPP

| | |
|---|--|
| <input type="checkbox"/> clogged | <input type="checkbox"/> aquatic organism passage/ perched |
| <input type="checkbox"/> crushed | <input checked="" type="checkbox"/> erosion (upstream/ downstream) |
| <input type="checkbox"/> lack of natural bed | <input checked="" type="checkbox"/> piping |
| <input checked="" type="checkbox"/> safety hazard | <input type="checkbox"/> overtopping |

2. **Trail/ Road Impact (trail/ road name):** _____

| | |
|--|---|
| <input type="checkbox"/> stormwater input | <input type="checkbox"/> sediment input |
| <input type="checkbox"/> bridge | <input type="checkbox"/> utilities |
| <input type="checkbox"/> unstable trail crossing | <input type="checkbox"/> erosion |
| <input type="checkbox"/> safety hazard | <input type="checkbox"/> human impact (hiking/biking) |
| <input type="checkbox"/> missing vegetation | <input type="checkbox"/> equine/dog impacts |

3. **Upland/ Stormwater**

| | |
|--|--|
| <input type="checkbox"/> nonpoint source pollution | <input type="checkbox"/> upland erosion |
| <input type="checkbox"/> pollutant point source | <input type="checkbox"/> unvegetated upland area |

4. **Lake/Pond/ Reservoir (reservoir name):** _____

| | |
|--|---|
| <input type="checkbox"/> erosion | <input type="checkbox"/> lack of vegetation |
| <input type="checkbox"/> equine impact | <input type="checkbox"/> human impact (hiking/biking) |
| <input type="checkbox"/> safety hazard | <input type="checkbox"/> water quality (temperature, algae, geese, fecal) |

5. **Other Problem Area(s)** list contributing factors)

- Potential Solutions**
- | | |
|---|---|
| <input checked="" type="checkbox"/> relocate trail/close trail/road | <input checked="" type="checkbox"/> trail/road crossing improvement |
| <input type="checkbox"/> vegetation/ shoreline planting | <input type="checkbox"/> mechanical grading |
| <input type="checkbox"/> stormwater treatment | <input type="checkbox"/> animal watering |
| <input type="checkbox"/> human/ animal exclusion | <input checked="" type="checkbox"/> culvert rehabilitation/ replacement |
| <input type="checkbox"/> signs | <input checked="" type="checkbox"/> culvert daylighting |
| <input type="checkbox"/> maintenance | <input type="checkbox"/> bridge replacement/improvement |

Comments
 Culvert failure by piping, leading to trail and downstream channel erosion.

